

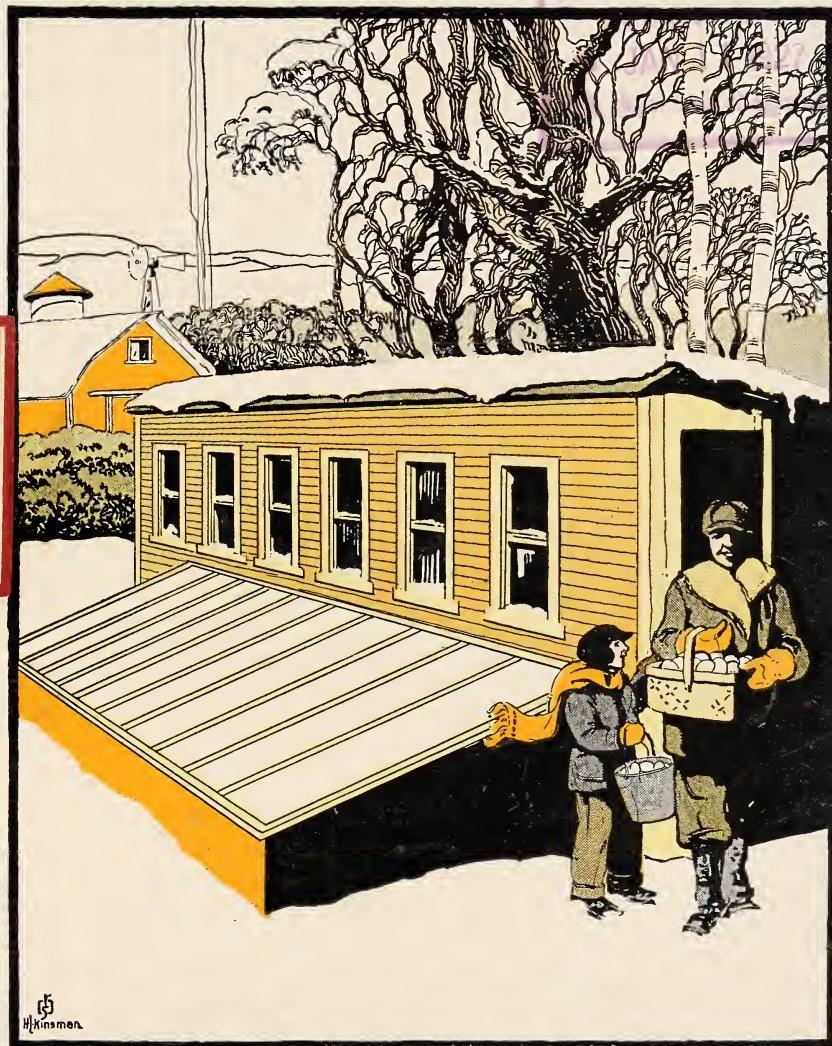
Historic, Archive Document

Do not assume content reflects current scientific knowledge, policies, or practices.

62.51

GLASS CLOTH

MUCH CHEAPER THAN GLASS



H. H. Kinsman

19

TURNER BROS.
BLADEN, NEBRASKA
ARTICLES WHICH MAKE THE GARDEN
AND POULTRY YARD WORTH WHILE

26

Business Rules — Read Carefully

IT IS impossible for us to ascertain the responsibility of the many thousands of customers with which we deal, and we therefore request cash with orders, or one-half cash with order, and we will send balance C. O. D. on receipt of order. Plant bands positively will not be sent out unless full remittance is sent with order.

SEND checks if you have a good bank account, Post Office or Express money orders, stamps or paper money in registered letter. All these ways are safe, but we cannot be responsible for smaller coins as we get many letters containing same with the money almost gone unless well protected with card board mailing devices.

Shipping Instructions

GOODS must be prepaid when shipped to Canada and other foreign countries.

AS TRANSPORTATION companies will not accept goods for shipment to foreign countries without being prepaid, we are compelled to ask you to include 12 cents per pound for parcel post or express, and 6 cents per pound for freight shipments in addition to price of goods where they are not otherwise priced prepaid.

SHOULD there be any balance due you after paying shipping charges we will refund.

CANADIAN REMITTANCES should be made by Postal Money orders, Express Money orders or Drafts on U. S. Banks. Don't send personal checks without adding 10 per cent for exchange.

C. O. D. Parcel Post Charges for U. S. Customers

WHERE goods are not priced prepaid and you desire same sent by parcel post and do not want the bother of figuring the post charges we will send you your order C. O. D. postage.

SHOULD we in any instance furnish goods otherwise than cash with order or other mutual agreement, it is mutually agreed that all bills are strictly cash without any discount, and where bills are not paid promptly they will automatically draw interest at the rate of 10 per cent with all collection charges added.

We should be obliged if you will send us your quotations by return mail on 100 yards Glass Cloth. We have used your cloth during the past three years and have found it very satisfactory.

Bankhead Orchard Co.,
Kelowna, Canada.

We sent you our first order for Glass Cloth in March and must say we got better results from the bed it was used on than the glass covered one.

N. N. Kahler,
Beaver Creek, Minn.

Modern Poultry Ways

Can you recall when the cattle raisers and farmers of the Great Plain States believed they were making money by roughing their cattle through the winter, and merely giving them enough nutrition to keep them from starvation? Occasionally part of them would dwindle down and quit living for want of sufficient care and feed.

Times have changed and the average cattle owner, in this modern age, knows it profits him to keep his stock growing and to be able to cash them in at half the age they were under the former method.

HAVE YOU MADE THE CHANGE yet with your poultry? Or are you still feeding your hens two or three years to get the same number of eggs that you should get in one year? Of course, the old hens don't amount to much — at least many think so; but if you will take an inventory, you will find that the man who has a well cared for flock along with other stock, has come through the adjustment period following the world war just a few notches ahead of the man who let his poultry take care of themselves and thought he was going to get equal results.

Glass Cloth Makes Poultry Pay

Supposing you should buy five cents worth of Glass Cloth for every hen, or five dollars worth for every hundred hens, which is about the proper ratio to give them a fair deal. Now if each of those hens laid two extra eggs you would have your Cloth paid for and under reasonable conditions, those hens would not stop with two extra eggs, but would come nearer making it two dozen.

If you are turning your hens out storm or shine you are actually feeding two-thirds of the time in order to build up the vitality that they have lost during the bad weather, consequently you are then feeding for vitality only, instead of eggs, and where is your profit?

If you will buy five dollars worth of Glass Cloth for every hundred hens you have, and construct a scratch shed like the one shown, keeping it well bedded with about ten inches of clean, dry straw or other good scratch material, feeding your grain by scattering same over this scratch litter, and let the hens work up their own vitality while getting their feed, it will not be necessary for them to be turned out in the open one single day when the weather is bad. As a result, your hens will be laying high priced eggs instead of eating high priced feed to gain the vitality lost in the weather exposure.

SCRATCH FEEDS are what make the old hen get out and warm up getting her own breakfast and are the big push in making vitality. Oat bundles, unthreshed, will do wonders in a scratch shed and will produce almost their weight in gold when it comes to egg money. If they are not available, a good, full feed of threshed oats scattered over a deep scratch litter every morning will make a good substitute. Keep the self-feeders well filled at all times and plenty of water (warm in cold weather) with a final feed of corn; all they will eat at just about the time the bulk of the flock are on the roost. Scatter the corn well over the scratch litter so the hens will work up a good warm blood before roosting.

Glass Cloth

Not glass, but a specially processed fabric treated to render it transparent, weatherproof and waterproof, shutting out cold, snow, wind and rain; transparent to admit light and warmth and the valuable Ultra Violet rays of the sun which are so necessary and beneficial to animal and vegetable life. Sheds a warm, soft, white light and scatters the light to all parts of the enclosure, leaving no dark corners as glass does, a soft light much preferred by poultry to the strong, direct rays of the sun as they come through glass.

Laboratory and government experiments prove that Glass Cloth freely passes the Ultra Violet rays and that common glass actually stops these valuable rays of the sun. Do not confuse the strong bright light of the sun with the Ultra Violet rays. The strong, bright rays are the heat rays and Glass Cloth scatters these heat rays to all parts of the enclosure. The Ultra Violet rays are the violet rays which are invisible to the naked eye and contain the health giving vitamines necessary to animal and vegetable life.

TEST IT OUT. If you have not already used Glass Cloth we want you to make this test. Remove all glass from any enclosure you may choose and place over a liberal opening a piece of Glass Cloth in a way that it is impossible for light to come in except through the Glass Cloth and you will note that instead of one bright spot, like the light coming through glass, you will find an evenly lighted room with no disagreeable bright spot and no dark corners. If you will give your chickens liberty to choose between being in front of glass or Glass Cloth you will find them in front of the Glass Cloth most of the time.

Our Guarantee

We guarantee Glass Cloth to give satisfaction when used for any of the purposes we recommend it for when actually tried out for a period of ten days. If you are not satisfied at the end of ten days' use that it gives as good or better results than glass or any other substitute, you are at liberty to return to us both used and unused portions of your purchase and we will refund your money. This guarantee does not hold good unless you actually give Glass Cloth a liberal test as above as nothing but an actual test will prove its merits.

CLASS CLOTH PRICES

Prepaid prices, by parcel post or express. We send the cheapest way. Single yard, 50c; 3 yards, \$1.25; 10 yards, \$3.80; 25 yards, \$9.25; 50 yards, \$17.50; 75 yards, \$25.50; 100 yards, \$33.00. Similar quantities at same rate. Add 2c per yard outside of United States.

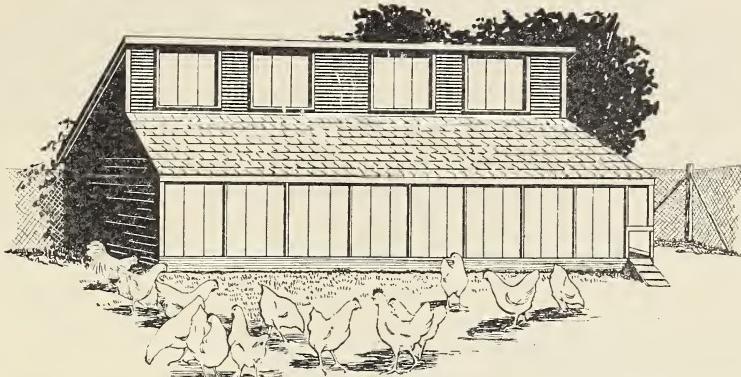
PRICES F. O. B. BLADEN. 200 yards at 28 cents. 300 yards at 27 cents. 400 yards at 26 cents. 500 yards at 25 cents. 1,000 yards at 22 cents. 100 yards weighs 40 pounds. All 35 inches wide and shipped out in rolls.

DEALERS AND AGENTS desiring to sell glass cloth should buy in large quantities at above prices and sell at smaller quantity prices.

**\$5.00
SPECIAL**

For \$5.00 we will send 15 yards Glass Cloth prepaid anywhere in U. S. Outside of the U. S. add 50c extra. We send cheapest way, parcels post or express. **DOUBLE AMOUNT AT SAME RATE IF DESIRED.**

A FEW DOLLARS SPENT FOR GLASS CLOTH WILL DO FAR MORE FOR YOUR POULTRY THAN SAME AMOUNT SPENT FOR ANY OTHER MATERIAL



A VERY DESIRABLE HOUSE FOR BABY CHICKS OR LAYING HENS

This type of shed can be easily built onto the south side of your present poultry house or any other convenient building. We advise shiplap covered with felt roofing for main construction. As the weather gets colder and the sun works to the south, this Glass Cloth front brings the warmth and violet rays of the sun into your chicken parlor.

Not a glaring bright light like the sun shining through glass with all the violet rays taken out, but a soft, mellow, white light, full of violet rays and warmth, coming right on to your poultry as they scratch in comfort while getting their daily rations or bask in the warmth of the sun.

They Lay All The Time

If you could take \$5 to your bank and get \$25 or \$100 back again in a few weeks you would think you were "pretty smart." Glass Cloth will do you a very similar turn if you will buy a reasonable quantity for your poultry and give them proper feed and care in good quarters, where they will be protected from adverse weather during the winter months.

Give your hens the advantages of a shed like the above or any reasonable construction, with a good portion of Glass Cloth for light and warmth, where they can have a good scratch litter to work in instead of loafing around, and you will soon understand why the users of Glass Cloth have made such big claims about their hens laying all the time, right through the winter months when egg prices are the highest.

OPEN AIR HOUSES

Many are advocating more fresh air for poultry and the above plan of poultry house is one of the best for regulating proper amount of fresh air and still be able to close up for stormy or cold weather. An extra sash made from burlap or muslin to put in place of one of the glass cloth frames will be found very convenient for ventilating. Cover entire front outside with netting that will hold fowls inside the house when sashes are open. A very convenient method of hanging the sash from top with hinges so they will fold up under the roof and fasten out of the way, is advocated by the Agricultural Department of International Harvester Co., as shown in this cut.

If ventilating by opening these sash and no muslin is used it will be more practical to fix one or more sash to open at top instead of bottom.



Health, Wealth and Happiness

Find a gardener and you have found one who knows where to dig for happiness. — (Stolen)

The above lines are stolen and believe they are worth deep consideration, for where there is a well kept garden there is also an individual living who is not wanting for the necessities of life. If we dig deeper we would likely find this individual was getting a degree of health and happiness from his garden that could not be obtained in any other way.

It is true that the home garden does not bring in large salary checks, but it does contribute largely to the family living when considering the time actually spent in the garden. Ten minutes properly spent every evening will produce on an average more wholesome food than you can purchase from the returns of that ten minutes in any other way. At the same time you will be producing health and happiness that cannot be bought with money.

Considering the time spent there is more honest-to-goodness health, wealth and happiness produced in the home garden than any other spot on earth and you will find the family hot bed a very important connection to a successful home garden.

Hot Beds are Money Makers and Money Savers

Raise Your Own Plants

Sell to Your Neighbors

Grow Hardier, Healthier Plants

Glass Cloth is fully as efficient as glass in withholding cold, water and wind. At the same time it is transparent and admits the light and warmth of the sun as readily as glass.

Whereas glass is a conductor of cold, Glass Cloth is not. On cloudy, dark days when the sun is not shining to generate heat, glass is generating cold from the outside air with the result that inside air is cooled. While Glass Cloth is thinner than glass, it does not conduct cold and therefore its resistance to cold is greater.

I received the Glass Cloth and am using it for a window in my poultry house. Was sure surprised to see how much better light it produced than glass.

O. F. Smith, Jefferson Island, Mont.

On Jan. 19th we shipped Max R. Ruff of Portland, Oregon, 100 yards Glass Cloth and he ordered 100 yards more July 21st.

Last spring I got a shipment of Glass Cloth from you and think enough of it to recommend it to my friends.

E. M. Burney, Chicago, Ill.



HOT BEDS ARE MONEYMAKERS

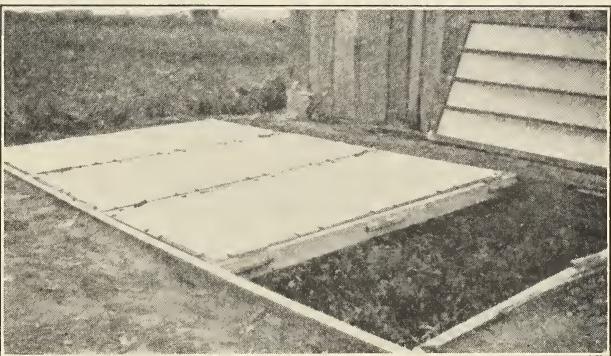
A few yards of Glass Cloth on a hot bed properly cared for, can easily make you more net profit than a field of wheat which costs about as much to raise as you receive from the crop. The plants you sell from a hot bed brings in cash that is almost entirely net profit.

Hot Beds and Cold Frames

Glass Cloth sheds a soft, white, warm, even light, full of Ultra Violet rays of the sun and diffuses and scatters these rays to all corners, leaving no dark corners as glass does. The uniform light produced by Glass Cloth gives plants the smooth, even green color and the stalky, hardy, even and vigorous growth, full of proper vitality to be set out in the open and produce good crops.

Light Weight Easily Handled on Hot Beds

Glass frames weigh over four times as much as ordinary frames covered with Glass Cloth. Why handle this weight every day when you can use Glass Cloth and grow better plants and do it easier. Frames can be made of light material which can frequently be picked up around the home or bought at very little cost, making your complete frames cost much less than regular glass sash. While Glass Cloth will withstand hail about as well as glass, if it should be ruined by hail, it can be replaced for only a fraction of the price of glass.



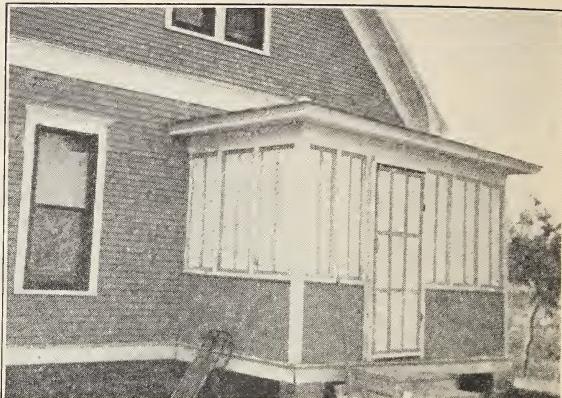
Hot Bed Suggestions

Our favorite plan for a hot bed is to dig a pit at least four feet deep and about two feet larger each way than the size of the hot bed frame. Fill the pit full of fresh horse manure that is moist and that has never been heated and turned white. See that it has a mixture of about half bedding straw or similar material. A few pails of hot water thrown on will hasten heating. After the manure has become good and warm, add about 4 or 6 inches of good soil (part sand if available), and then place the hot bed frame on top, banking up the edges well with soil. You will find that Glass Cloth will give an evener warmth than glass and will not bake the soil so quickly and will not need quite as much ventilation when plants are small. As plants become larger and the weather is warmer, ventilate to keep plants from becoming spindly by removing the sash entirely for a time each day and a few days before setting out the sash should be off day and night.

Many plant a 6x6 ft. hot bed with Black Seeded Simpson lettuce early in March and have fresh lettuce for two months before garden is ready. Glass Cloth produces better lettuce than you can produce under glass or in the garden. Try it.

Enclosed Porches. Health Rooms

Enclose your porch for the winter months and improve the comfort and the size of your entire house by the protection from the weather which the enclosed porch gives and the extra room which the porch provides. If you object to using Glass Cloth for the reason you cannot see clearly through it, you will easily overcome this by installing a small sash of glass.



Violet Ray Health Rooms

Especially during the winter months many children and older people too, run down in vitality for the lack of sunshine and fresh air; many who are ailing actually die for the want of it. Rickets, softening of the bones and much general loss of vitality is the result of being shut in away from sunshine and fresh air. By enclosing a room with Glass Cloth you can get the violet rays from the sun (glass stops them) when the weather or your health will not permit you to be out doors. By using a muslin ventilator you can let fresh air into this room and with heat when needed you can actually have one of the healthiest of health rooms where you can read, rest or work in comfort. You can actually regain lost health in a Glass Cloth health room by making use of nature's best tonic, which is sufficient rest, fresh air and violet rays from the sun.

Storm Doors and Windows

Glass Cloth is ideal as a protection against winter weather when used over screen doors or on light frames in place of regular screen. Make your house more comfortable by stopping these drafts and save doctor bills and fuel.

Note:—When using Glass Cloth for above uses it is well to place vertical supports of light material every six to ten inches to keep wind from flopping the cloth.

Sun Glare

SCHOOL ROOMS, OFFICES, STUDIOS, FACTORIES and RESIDENCES are frequently bothered with sun glare coming in bright through the windows and when shades are drawn the room is made dark.

Glass Cloth if used on common window shade rollers, or tacked on inside of window sash, will scatter these bright sun rays into a pleasant, soft white light without darkening the room in the least. Try it out and you will be surprised at the very agreeable light produced.

Spiral Celluloid Leg Bands — 10 Colors



Blue, red, light blue, green, white, violet, pink, orange, cerise and black.

Our spiral bands have a full one-half lap, which renders them stronger, and enables them to keep their shape and stay on better than the average band. We advise these bands over metal wherever they can be used.

Prices for Celluloid Spiral Bands Postpaid:

No.	25	50	100	250	500	1000
Baby Chicks -----	4	\$.20	\$.30	\$.50	\$1.00	\$1.90
Pigeons -----	5	.20	.30	.55	1.05	2.00
Growing Chicks-----	6	.25	.35	.60	1.30	2.30
Bantams -----	7	.25	.40	.65	1.35	2.35
Leghorns -----	9	.25	.45	.70	1.65	2.80
All Purpose Fowls-----	11	.30	.50	.80	1.85	3.20
Asiatics and Geese-----	13	.35	.60	1.00	2.15	3.75
Turkeys -----	14	.35	.65	1.10	2.25	3.85
Turkey Toms -----	16	.40	.70	1.20	2.35	3.95
						7.40

Order by size or tell us breed of chicken if uncertain of size.

Double End Clinch Aluminum, Adjustable

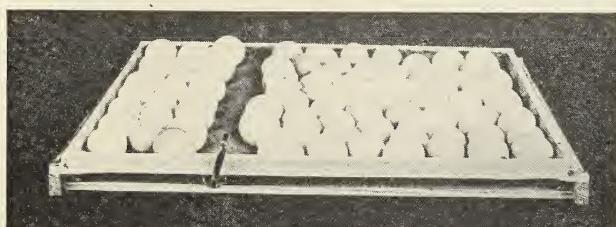


The oldest and most popular aluminum band on the market. This band is made of one piece, adjustable to fit any chicken, duck or goose, except baby birds. Held by double lock, it is impossible for them to lose off. Furnished in consecutive numbers from 1 to 1,000.

Prices of aluminum bands, postpaid: 12 for 20c, 25 for 35c, 50 for 45c, 100 for 80c, 250 for \$1.60, 500 for \$2.90, 1,000 for \$5.00.

THE BIG HATCH TRAY FOR ALL INCUBATORS

Turn the crank for one minute and the work is done



**BOOM BROS. MFG. CO.
Bladen, Nebr.**

With the Big Hatch Tray time and labor are saved. By simply turning the crank the eggs are exercised just like the old hen was doing the work.

You avoid handling the eggs with moist, oily hands. Tray is reversible, small crank fits either end of the roller.

The Big Hatch was tested out in 1925 with excellent results.

**WRITE FOR
CIRCULAR
TO-DAY**

The Old Trusty Way and Old Trusty Results

"The Best Incubator on the Market," says Mrs. R. D. Rhinehart of Denning, Ark.

"122 chicks from 140 eggs," says Mrs. J. R. Flynn of Wellsville, Mo.

"No trouble to raise OLD TRUSTY chicks," says Mrs. D. Z. Holcomb of Clay Center, Neb.

"I have used several kinds of incubators but like OLD TRUSTY best," says Mrs. J. E. Morton of Red Oak, Texas.

"I have been using the OLD TRUSTY Incubator for 12 years. Last year out of one setting I had 122 chicks from 140 eggs. I always speak a good word for the Old Trusty," says Mrs. J. R. Flynn, Wellsville, Mo.

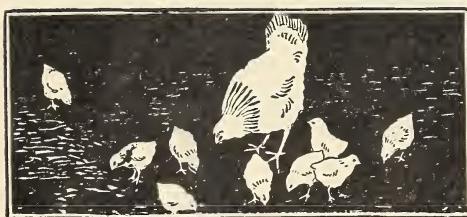
"I am well pleased. I got 130 healthy chicks. Made the neighbors stand up and take notice," says Mrs. F. A. Austett, Manvel, N. Dak.



The OLD TRUSTY way. Strong chicks, easy to raise.



The old way and



the results as usual

EARLY CHICKS

Are easy to raise with efficient brooder houses such as can be made from Glass Cloth.

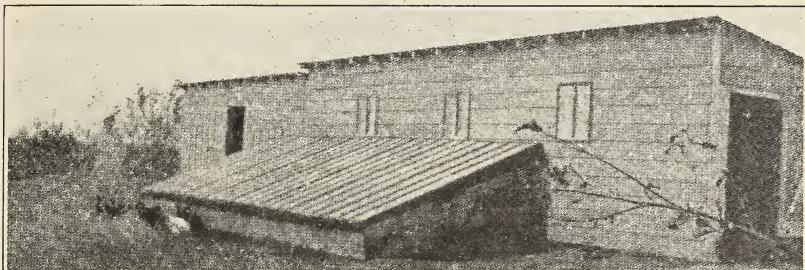
Send for our 1926 OLD TRUSTY catalog. We make special prices to Glass Cloth users.

**The M. M. JOHNSON CO.,
Mfrs. OLD TRUSTY Incubators and
Brooders
Clay Center, Neb.**

RAISE MORE CHICKS.

GROW THEM FASTER.

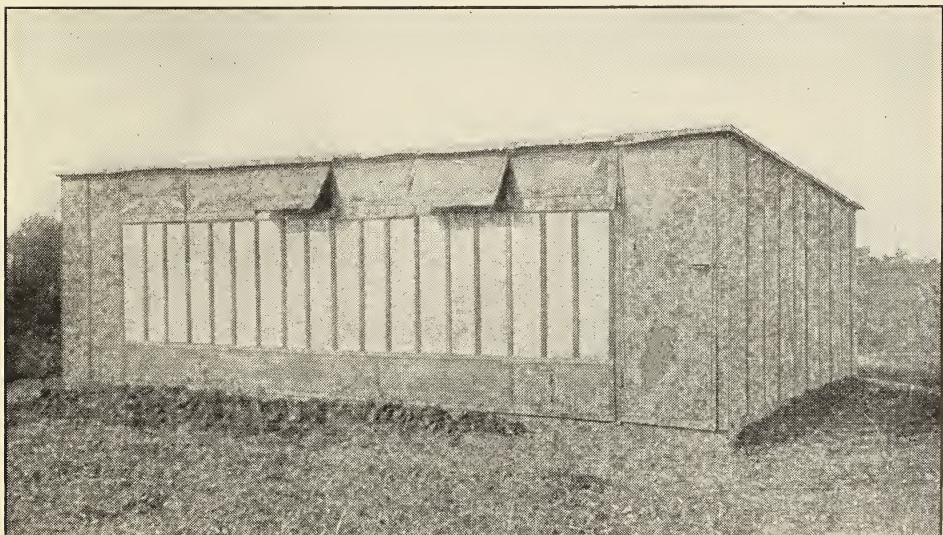
Don't Hatch Chicks and Watch Them Die—Save Them.



If you will consider the advantages of a glass cloth scratch shed you will see that a few dollars spent for same can easily more than double the net profits of your flock.

More chicks die from chilling and inactivity than from any other cause. The sudden changes, the cold and dampness of spring weather are particularly dangerous and invariably the beginning of chick troubles. Keep your chicks moderately warm in a dry, roomy scratch shed or brooder house which has a liberal frontage of Glass Cloth, where they can scratch in comfort and work up a healthy circulation of blood, which will produce bodily warmth and vitality and avoid the dreaded loss so common when they chill, huddle, become more and more lifeless and finally die for the lack of vitality.

A busy scratching chick will grow and be hardy and healthy; a huddling, dumpy chick will lose vitality until you get action and warmth into its body. Glass Cloth will do more for your chicks' vitality than any other assistance you can give them, as it produces a mellow, warm, white and very agreeable light and freely admits the healthful Ultra Violet rays from the sun. Experiment stations have fully proved that common glass stops these beneficial rays and therefore tends to make chicks tender instead of hardy.



Bulk Seed—Market Gardener's Prices

BULK SEED is all sent out in cloth bags containing only the seed and label stating variety of seed. When you buy our bulk seed you eliminate the expense of packeting small quantities and get much more for your money.

PACKETS as furnished in all varieties are not ordinary small packets like you buy at the store, but are large trade packets.

GUARANTEE: We guarantee all our seed to be of choice stock and strong germination and will gladly refund your money for any seed not exactly what we claim it to be. We cannot guarantee a crop, but it is our business to put out seed with a vitality unquestionable.

Standard Varieties

BEET

CROSBY'S EGYPTIAN. Extra early; round, dark red. Early and sweet.

CRIMSON GLOBE. Fine globe shaped; flesh deep purple, main crop sort.

DETROIT DARK RED. Similar to Crosbys Egyptian, but a little later. A fine keeper and canner, also choice for greens.

Any variety of beet, packet 10c; $\frac{1}{4}$ lb., 30c; $\frac{1}{2}$ lb., 50c; 1 lb., 75c.

MANGEL BEETS FOR STOCK

GOLDEN TANKARD. An enormous yielder. Flesh deep yellow and the best for quality.

GIANT HALF SUGAR. Skin rose color, flesh white. Heavy yielder.

MAMMOTH LONG RED. The largest and heaviest cropper of the mangels.

$\frac{1}{4}$ lb., 25c; $\frac{1}{2}$ lb., 35c; 1 lb., 65c; 5 lbs., \$2.50.

BEANS

IMPROVED GOLDEN WAX. Very early, flat pods, long and stringless.

PROLIFIC BLACK WAX. Round pods, fine quality and very productive.

BURPEES STRINGLESS GREEN POD. The best of the green podded beans. Round and stringless, remains tender a long time.

LATE REFUGEE OR 1,000 TO 1. Medium late; very productive and tender, round green pod.

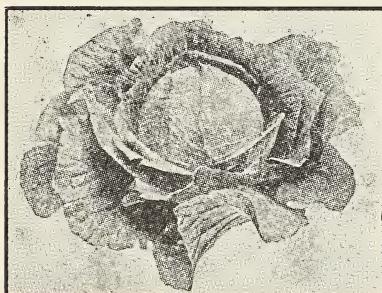
WHITE SEEDED KY WONDER. An early pole bean of fine quality.

HENDERSONS BUSH LIMA. An early, hardy and vigorous type of bush limas.

Any variety of beans in packet, 10c; $\frac{1}{2}$ lb., 25c; 1 lb., 40c. Any quantity not prepaid at 30c per lb.

CABBAGE

ALL SEASONS. A krount cabbage; medium to late season, good keeper.



Copenhagen Market

EARLY JERSEY WAKEFIELD. An early sort with pointed or cone-shaped head.

COPENHAGEN MARKET. An early cabbage with round head and short stem. Fine flavored, fine grained, and will weigh one-half heavier than Ea. Jer. Wakefield, and is just as early. It is our choice as a first early or for later plantings as a midseason cabbage.

DANISH BALL HEAD. Very round, solid winter sort and a fine shipper.

DANISH ROUND HEAD. Some claim this an improvement over Danish ball Head as being larger and earlier; has a short stem, very solid head and an extra good keeper.

All seed prices are prepaid if not otherwise stated.

LATE FLAT DUTCH. The heads are large and solid with few outer leaves.

RED ROCK. The largest red cabbage; color deep red.

SUREHEAD. A good late cabbage of the Flat Dutch type; sure to head and a good keeper.

Any variety of cabbage in packets, 10c; oz., 25c; $\frac{1}{4}$ lb., 75c; $\frac{1}{2}$ lb., \$1.25; 1 lb., \$2.00

CARROT

CHANTEANY. Medium early; half long, very thick, smooth and tender.

DANVERS HALF LONG. The best second early; tender and good quality.

OXHEART. Very thick, sweet and tender. Easily harvested.

Packets, 10c; $\frac{1}{4}$ lb., 30c; $\frac{1}{2}$ lb., 50c; 1 lb., 90c; 5 lbs., \$4.00.

CAULIFLOWER

ALGIERS. An extra fine late variety; suitable for market and sure to head.

EARLY SNOWBALL. The best early variety of fine quality, very tender.

DRY WEATHER. This variety is especially adapted for long, dry seasons.

Packets, 10 and 25c; oz., \$1.25; $\frac{1}{4}$ lb., \$4.00; $\frac{1}{2}$ lb., \$7.50; 1 lb., \$14.00.

CELERY

DWARF GOLDEN HEART. Very solid with rich golden yellow heart.

EASY BLEACHING. Very hardy and not liable to blight, bleaches white.

WINTER QUEEN. Of medium height, broad light green stalks, very solid and crisp, bleaches well. A very fine variety.

GOLDEN SELF BLANCHING. Hearts are large and solid, blanching to golden yellow. Crisp, tender and sweet.

Packets, 10c; oz., 25c; $\frac{1}{4}$ lb., 75c; $\frac{1}{2}$ lb., \$1.25; 1 lb., \$2.00

SWISS CHARD

LUCULLUS. An improved type of chard; upright dark green leaves, stalks thick, broad and flat, and as large as rhubarb.

Prices:—Packets, 10c. $\frac{1}{4}$ lb., 25c; $\frac{1}{2}$ lb., 40c; 1 lb., 75c

SWEET CORN

GOLDEN BANTAM. Extra early; yellow, sweet and tender.

STOWELLS EVERGREEN. The most popular variety grown; ears large and very sweet. A main crop variety. Our sweet corn is all hand selected.

$\frac{1}{2}$ lb., 20c; 1 lb., 30c; 10 lbs., not prepaid, \$1.50; Stowells Evergreen, per bu., not prepaid, \$5.00.

CRESS

FINE CURLED. Best variety grown; beautifully curled, highly prized for garnishing.

PRICES:—Packets, 10c; $\frac{1}{4}$ lb., 40c; $\frac{1}{2}$ lb., 60c; 1 lb., \$1.00

CUCUMBER

DAVIS PERFECT. An extra long, dark green type of the white spine; retaining its qualities and good color long after being picked, fruit smooth and tapering at both ends; flesh crisp and solid, mid season.

CHICAGO PICKLING. An excellent pickling sort; uniform and productive.

EARLY FORTUNE. Dark green skin, flesh thick, excellent for table or pickles.

JAPANESE CLIMBING. A climbing sort that will cover fences and trellises; thick, crisp and fine quality.

PRICES:—Any variety, packets, 10c; $\frac{1}{4}$ lb., 60c; $\frac{1}{2}$ lb., \$1.10; 1 lb., \$2.00

DILL

Packet, 10c; $\frac{1}{4}$ lb., 25c; $\frac{1}{2}$ lb., 50c; 1 lb., \$1.00.

EGGPLANT

BLACK BEAUTY. The best and largest fruited variety, fairly early and productive.

Packets, 10c; oz., 35c; $\frac{1}{4}$ lb., \$1.00; $\frac{1}{2}$ lb., \$1.75; 1 lb., \$3.00.

KOHLRABI

EARLY PURPLE. Early with small top; medium size, purple with white flesh.

Packets, 10c; oz., 20c; $\frac{1}{4}$ lb., 60c; $\frac{1}{2}$ lb., \$1.00; 1 lb., \$1.75.

LETTUCE

BIG BOSTON. Very popular for outside culture as well as forcing; heads large and compact, light green, tinted with brown.

GRAND RAPIDS. A good forcing loose leaf variety; also an excellent garden lettuce.

MAY KING. Early, small heading variety of fine quality; leaves light yellowish green, edges reddish brown, heart bleaches golden yellow.

WONDERFUL. Large late cabbage heading variety; large dark green leaves.

SIMPSON BLACK SEEDED. One of the best, early, loose heading varieties, leaves broad blistered, light yellow, fine quality. Fine for forcing or garden and our favorite.

Any variety, packet, 10c; $\frac{1}{4}$ lb., 45c; $\frac{1}{2}$ lb., 80c; 1 lb., \$1.50.

MUSKMELON OR CANTALOUPE

HACKENSACK. Fruit large, round, flattened at ends, heavily netted, one of the best of the green fleshed sorts.

TIP TOP. Large, rather late, flesh deep salmon, sweet and spicy.

BURRELL GEM **EXTRA EARLY HACKENSACK** **ROCKY FORD**

BANANA CANTALOUPE **PERFECTION** **SURPRISE**

FIELDS DAISY **OSAGE OR MILLERS CREAM** **FORDHOOK**

Above varieties, packet 10c; $\frac{1}{4}$ lb., 40c; $\frac{1}{2}$ lb., 60c; 1 lb., \$1.00; 5 lbs., \$4.00.

HEARTS OF GOLD

A splendid new melon of superior quality for home, market or shipping, deep salmon flesh with a superior flavor. It will stand more adverse weather, frost, rust, dry weather, etc., than most varieties and will set abundance of fruit when others fail. If you want a sure crop of fine melons try "Hearts of Gold."

Packet, 20c; oz., 40c; $\frac{1}{2}$ lb., \$1.75; 1 lb., \$3.00.

WATERMELON

DIXIE. Large, oblong, green striped with lighter shades, flesh red and fine quality.

HALBERT HONEY. Green, oblong, well filled ends, fine quality.

ICE CREAM OR PEERLESS. The most popular of the early sorts and much grown in the north. Very early and sweet, medium size.

KLECKLY SWEET. An old variety and still on top. Medium to large size and medium early; very sweet and tender; too tender to ship. The best melon for home use or nearby market.

All seed prices are prepaid if not otherwise stated.

TURNER BROTHERS

BLADEN, NEB.

Ship to Rt. or St.

Town State

Shipping Point Parcel Post Freight Express
(If different from Postoffice) (Mark in space above)

Date.....

Money enclosed: Check \$..... Postal Order \$.....

Express Order or Stamps \$.....

If more space is needed pin another sheet below.

IMPORTANT REPORTS

IOWA STATE COLLEGE

Department of Physics

Ames, March 12, 1925

Turner Brothers, Bladen, Nebr.

Dear Sirs:

Our laboratory tests show that your Glass Cloth is quite effective in transmitting the sun's ultra-violet rays.

In view of the results of late experiments your product should prove superior to common glass in protecting the health of growing animals.

I am starting experiments to test the relative merits of different glass and glass substitutes, based upon their effect on animal life when the sun is used as a source of light.

Very sincerely yours,

L. V. CRUM.

OREGON AGRICULTURAL COLLEGE

School of Agriculture and Experiment Station

Corvallis, April 3, 1925

Turner Bros., Bladen, Nebr.

Dear Sirs:

In my constant traveling and work with poultry keepers of Oregon I find a growing interest in Glass Cloth.

The success attained by H. B. Nye in using your product has attracted much interest. I have recommended its use in several other instances.

Would it be in keeping with your business policy to furnish me a yard of this Glass Cloth for general use in field work, lectures and demonstrations? Any literature you may have regarding its comparison with ordinary glass will also be appreciated.

Yours very truly,

H. E. COSBY,
Extension Poultry Specialist.

46 PER CENT LOSS

Report of June 15, 1925

On June 15th, Mr. Crum of Iowa State College, reported on a test with 24 chicks which were kept under window glass for three weeks and then divided into three lots of 8 chicks each and placed separately under window glass, cello glass and Glass Cloth. All were cared for alike for a period of four weeks with the exception that each lot of 8 chicks was under different material as mentioned.

Glass Cloth Leads

Glass Cloth came through the four weeks period with every chick living while each lot under window glass and cello glass lost two chicks.

25 PER CENT LOSS

Losing two chicks seems like a very small matter, but when we take the same ratio for 100 chicks it would mean losing 25 out of 100. To be fair, we must charge up a 25% loss to window glass and cello glass.

46 PER CENT LOSS

Again, the six chicks still living under glass only made a gain of 180% on original live weight. Those under Glass Cloth made a gain of 250% of original live weight. This gain was on chicks still living.

If we take original number of each lot of chicks, which was eight, we find average gain in per cent of original weight was 209% under cello glass, 135% under window glass and 250% under Glass Cloth.

Thus we find that after window glass losing out 25% by losing two chicks; again lost in gain of weight, making a total deficiency in chicks under window glass of 46% under those from Glass Cloth pen, or taking the same ratio, we would have had 250 lbs. of chickens under Glass Cloth while we were only producing 135 lbs. under glass when starting both lots with same amount.

Conclusions

The person who is favorably situated to raise a reasonable amount of poultry has a great advantage over his neighbor who does not raise poultry, and will invariably average more net profit per season.

The person who is raising chickens can make money much faster by using modern equipment of Glass Cloth and can frequently make enough extra profit in just a few days to more than make original cost of Glass Cloth.

From Our Mail Bag

We get so many nice letters appreciating our service and goods that in the busy season it takes lots of writing to acknowledge them all. We take this means to heartily thank you all for your friendly letters and suggestions and assure you they are read with pleasure and interest, and many will find their suggestions passed on in this catalog. Just keep the letters coming as we want new ideas and friendship.

Below we print extracts from a few of the letters we receive, all genuine and unsolicited as we write no personal letters asking for testimonials. We have stacks more like these, but no room to print them.

GARTLY RAMSAY HOSPITAL—BATTLE CREEK METHODS

Memphis, Tenn., Oct. 26, 1925.

I have charge of the Physiotherapy Dept. of this hospital and use Ultra Violet Rays regularly. Candidly, I did not believe that Glass Cloth would allow the passage of the Ultra Violet Ray so I put it to a test on my own arm. I took a four minute exposure at a distance of ten inches, the part being covered with the sample you sent.

The result was quite a severe erythema. It is hard indeed to estimate the value of this product to the poultry raisers alone, not to mention its use in hospitals and sanitariums and also to gardeners.

Mark Bickford.

In regards to the watermelon and muskmelon seed I purchased from you last May, I ordered \$3.70 worth of seed and to date have sold over \$250 worth. I think this pretty good considering the dry season. Don't think you can recommend the Irish Grey melon too high.

California Springs Nursery,

Ottawa, Kas.

The 128 yards Glass Cloth arrived O. K. We wish to express our thanks for the promptness you gave our order. We are using this cloth to cover 64 frames at a total cost of \$1.42 each. We consider this a great saving over glass.

Howard E. Andrews, Seattle, Wash.

I have used your Glass Cloth on our chicken house the past year and am entirely satisfied. Send 15 yards more.

Chas. Drysdale, Denver, Colo.

Enclosed find draft for which send me 550 yards Glass Cloth.

J. C. Hutcherson, Liberty, Mo.

Last February I ordered some leg bands from you. As I did not receive them in one month I asked about them and you promptly refilled the order stating date you had shipped original order. Last week along came a bag of leg bands, properly addressed, which I presume were the lost lot. Have no explanation of the delay and am enclosing check for them.

Helen Dow Whitaker, Palouse, Wash.

I have used your Glass Cloth on my hot bed and it has given better satisfaction than glass.

W. W. Fox, Bloomsbury, Pa.

We have used your Glass Cloth for three years and find it all you claim for it as we have used it for windows in poultry houses and for hot beds.

J. L. Rinehold, Auburn Junction, Ind.

Received the Glass Cloth and appreciate the way you people do business. Am certainly well pleased with the Glass Cloth and cannot say too much for it.

W. C. Wynkoop, Connellsburg, Pa.

Please send me Glass Cloth for the enclosed check, got a \$5 roll last fall and the laying hens came through the winter in better shape than ever before, contented, working, singing and not one frosted comb.

A. W. Lowe, Elmore, Ohio.

IRISH GREY. A new shipping melon; large, long, grey green skin, flesh firm, crisp and sweet. Is fast gaining popularity. Very prolific, hard to beat in any way. A little later than Kleckly Sweet.

TOM WATSON. Of the Kleckly Sweet class with a little of the sweetness sacrificed for a tough rind and good big size.

COLES EARLY **GOLDEN HONEY** **CITRON RED SEEDED**

 Packets, 10c; $\frac{1}{4}$ lb., 25c; $\frac{1}{2}$ lb., 40c; 1 lb., 60c; 5 lbs., \$2.75; 10 lbs., \$5.00.

ONION

PRIZETAKER. One of the largest onions grown; very heavy yielder of mild, tender, yellowish brown, globe shaped onion. Considered by many to be the best onion grown.

SOUTHPORT WHITE GLOBE **SOUTHPORT YELLOW GLOBE**

SOUTHPORT RED GLOBE **YELLOW GLOBE DANVERS**

 Packets, 10c; oz., 40c; $\frac{1}{4}$ lb., \$1.25; $\frac{1}{2}$ lb., \$2.00; 1 lb., \$3.50.

PARSLEY

CHAMPION MOSS CURLED

HAMBURG ROOTED

EXTRA DOUBLED CURLED

 Packets, 10c; $\frac{1}{4}$ lb., 40c; 1 lb., 75c.

PARSNIP

HOLLOW CROWN

IMPROVED GUERNSEY

 Packets, 10c; $\frac{1}{4}$ lb., 25c; $\frac{1}{2}$ lb., 45c; 1 lb., 75c.

PEAS

AMERICAN WONDER. An old standby of the dwarf bush variety, needs no supports, the best flavor of the earlies.

THOMAS LAXATON. One of the finest of the wrinkled peas, fairly early and yields almost as well as the later sorts.

PEDIGREE EXTRA EARLY. A very even, smooth pea of excellent quality. Height about two feet.

DWARF TELEPHONE OR DAISY **ALASKA OR EARLIEST OF ALL**

 Packet 10c; $\frac{1}{2}$ lb., 25c; 1 lb., 40c; 10 lbs., not prepaid, \$3.00.

PEPPER

CHINESE GIANT. Very large, bright scarlet.

LARGE BELL OR BULL NOSE. Large, bright red, mild, used mostly for pickling.

RUBY KING. Bright red, 4 to 6 inches long, best for stuffing.

RED CHILI. Small, very productive, red and pungent.

 Packet, 10c; oz., 40c; $\frac{1}{4}$ lb., \$1.25; 1 lb., \$4.00.

RADISH

CRIMSON GIANT. Grows extremely large without becoming pethy, red, round.

EARLY SCARLET TURNIP. A well known very quick grower.

FRENCH BREAKFAST. Oblong, small and quick growing. Good outdoors or under glass.

LONG BRIGHT SCARLET. Handsome and early, crisp, tender and good forcing variety.

NEW ICICLE. Pure white, sweetest and tenderest of the long radishes.

WHITE TIP SCARLET TURNIP. Very early, used for frames or outdoors.

WHITE STRASBURG. Large, midseason, pure white, good quality.

CALIFORNIA MAMMOTH WHITE. A great big white winter radish.

Packets, 10c; $\frac{1}{2}$ lb., 40c; 1 lb., 75c.

SALSIFY (OYSTER PLANT)

MAMMOTH SANDWICH ISLAND.

Packet, 10c; $\frac{1}{4}$ lb., 65c; 1 lb., \$2.00.

SPINACH

BLOOMSDALE SAVOY

LONG STANDING

VICTORIA

Packet, 10c; $\frac{1}{2}$ lb., 35c; 1 lb., 60c.

TURNIP

PURPLE TOP STRAP LEAF. Early, very productive, flat, medium size and tender.

GOLDEN BALL. Yellow fleshed, firm, crisp and excellent quality.

POMPERIAN WHITE GLOBE. A big, productive, white stock feeding sort, often weighing 10 pounds.

Price same as Rutabaga

RUTABAGA

AMERICAN YELLOW PURPLE TOP

BANGHOLM PURPLE TOP

Packet, 10c; $\frac{1}{4}$ lb., 20c; $\frac{1}{2}$ lb., 35c; 1 lb., 60c.

TOMATO

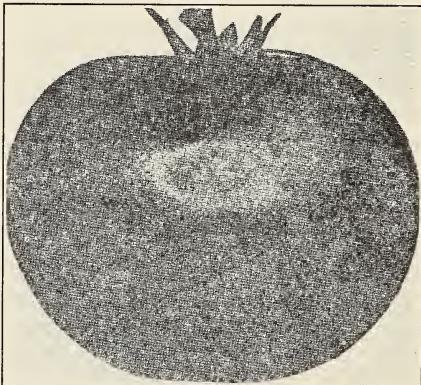
JOHN BAER TOMATO

The John Baer tomato will come through the different variations of seasons and averages the most marketable fruit per plant, and also the largest cash returns per plant per season when taken for any number of consecutive years of any variety that we have tested out.

John Baer is a good size, smooth tomato, perfectly red in color and while it may be a few days later in ripening its fruit than some of the earliest varieties, its habit of setting plenty of fruit and maturing a large quantity of big marketable fruit, makes it a favorite with us both as a first, early and for later planting as a main crop.

Extra Select Seed—Packet, 10c; oz., 30c; $\frac{1}{4}$ lb., \$1.00; $\frac{1}{2}$ lb., \$1.75; 1 lb., \$3.00.

All seed prices are prepaid if not otherwise stated.



BONNIE BEST. An early tomato of very even sized fruit, while it is not as large as some, it is so smooth and even sized that it makes it a more attractive tomato than most of the large later sorts.

CHALK'S JEWELL. A very smooth second early tomato of good size and good yielder. A very popular canner for the north.

Packets, 10c; oz., 25c; $\frac{1}{4}$ lb., 75c; $\frac{1}{2}$ lb., \$1.25; 1 lb., \$2.25.

GREATER BALTIMORE

NEW STONE

MY MARYLAND

MATCHLESS

Any variety, Packet 10c; oz., 25c; $\frac{1}{4}$ lb., 60c; $\frac{1}{2}$ lb., \$1.00; 1 lb., \$1.75; 5 lbs., \$7.50.

MONTEREY OR BEEFSTEAK

DWARF CHAMPION

DWARF MONTEREY

Any variety, Packet 10c; oz., 40c; $\frac{1}{4}$ lb., \$1.30; 1 lb., \$3.85.

WHITE ALBINO

YELLOW PEAR

YELLOW MONTEREY

Any variety, Packet 10c; oz. 75c.

Northern Grown Tomato Seed

FOR EARLY CROPS of tomatoes many claim northern grown seed to produce earlier fruit. To meet this demand we have secured the service of a Mr. Langdon who lives within four miles of the Canadian line, to grow tomato seed for us and make special hand selections of seed, selecting only perfect fruit from perfect plants for seed. We believe we offer you below the choicest tomato seed that can be purchased at any price.

ADIRONDACK EARLINA. Probably the earliest tomato grown, it produces the bulk of crop in a short period which gives it the advantage of maturing more early fruit than varieties which are heavier croppers.

BONNY BEST. Noted for its high per cent of marketable fruit, this hand selected northern grown seed will produce a fancy grade of tomatoes.

RED HEAD TOMATO. If you have trouble getting early tomatoes to set plenty of fruit, you want to try Red Head. It is claimed to be first early by some, and we have found it so in seasons when the early spring weather was unfavorable for the early setting of fruit. Red Head bears an enormous amount of medium to large sized, well shaped fruit and some seasons will ripen a couple pounds of fine fruit before other early plants get well started with ripe fruit. Red Head keeps right on bearing throughout the season and never stops until frost. Give it a trial in your garden for two or three seasons and you will always plant some of this hand selected seed.

JOHN BAER. Adding northern grown, hand selected fruit to this tomato for seed selection will certainly make it worthy of merit.

PRICES (Any Variety): Packets, 25c; $\frac{1}{2}$ oz., 75c; 1 oz. \$1.25; 4 oz. \$4.00; $\frac{1}{2}$ lb. \$7.00.

JAPANESE HULLESS POP CORN. We have a choice selection of the original strain of this pop corn, which is noted for fine quality. One trial will convince you there is no other as good.

Packets, 10c; $\frac{1}{2}$ lb., 25c; 1 lb., 40c; 10 lbs., \$3.00.

SWEET PEAS

MIXED GRANDIFLORA

Packets, 10c and 25c; $\frac{1}{4}$ lb., 50c; $\frac{1}{2}$ lb., 90c; 1 lb., \$1.50.

BEST MIXED SPENCERS

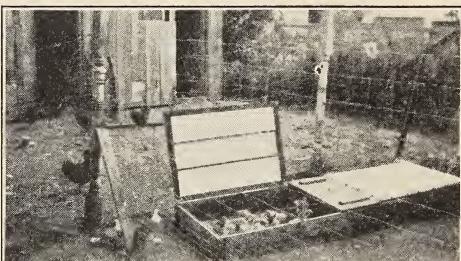
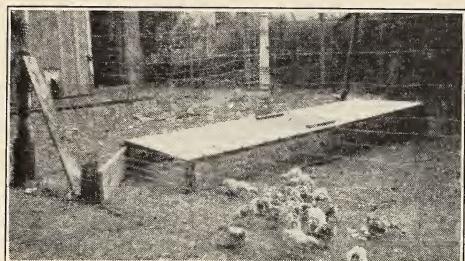
Packets, 10c and 25c; $\frac{1}{4}$ lb., 75c; $\frac{1}{2}$ lb., \$1.25; 1 lb., \$2.25.

All seed prices are prepaid if not otherwise stated.

FIELD SEEDS

SUDAN, ALFALFA, CANE, MILLET, KAFFIR, FETERITA, ETC.

As our catalog goes to press it is too early to quote prices on these. We will put out a special price list at the proper season, which we will send to those requesting prices.



Brood Your Chicks Hot Bed Style

If you have not got enough chicks to need a large brooder or a good roomy brooder house, this contrivance will beat the old hen. You can make the frame and cover it with Glass Cloth or you can buy the frame as listed on page 18. Late in the season you will need no heat, neither will you need any heat on bright sunshiny days, but for other times you should have heater as mentioned for hotbeds on page 18.

S. C. RHODE ISLAND REDS, WHITE WYANDOTTES AND WHITE PLYMOUTH ROCKS

Everybody should raise good poultry. I don't really mean poultry with a long pedigree of show winnings, but poultry that has a good reputation of egg laying and that has a constant culling for conformity to standards of respective breeds.

Among us here we have the three standard breeds, each under good supervision.

Thriftiness, egg laying records and conformity to standard of breeds has been the constant standard of the building of these flocks. Much of the foundation has come from flocks of high show quality having these qualifications. We have good reason to claim you cannot get any better unless you are going in for show winnings regardless of thriftiness and egg laying qualities.

Can supply choice cockerels at \$5.00 each; high grade eggs for hatching at \$3.00 per setting of 15 eggs, \$8.00 for 50, or \$15.00 per 100.

Can also supply a few specials at a reasonable advance over these prices.

If you wish to address the individuals who have the care of these flocks they are as follows:

White Plymouth Rocks, Chas. Boom

S. C. Rhode Island Reds, I. J. Myers White Wyandottes, Fred Turner
Bladen, Nebraska.

Last spring I bought a roll of your Glass Cloth. I got such good results that I want another roll of 15 yards. I had finer plants under the cloth than I did under glass sash.

Jas. C. C. Dilks, Maple Shade, N. J.

Ship parcel post at once 150 yards Glass Cloth.

N. N. Edgerton, Petosky, Mich.

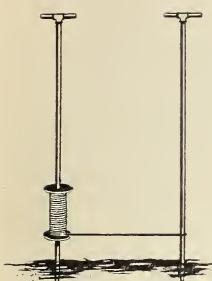
Mr. Edgerton is an old customer and has bought several hundred yards of Glass Cloth from us in the past few years.

Please send 42 yards Glass Cloth and one-half pound Chalks Jewell tomato as quickly as you can. From an old customer,

J. C. SYDENHAM, Broken Bow, Nebr.



Garden Line Reel

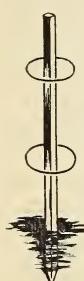
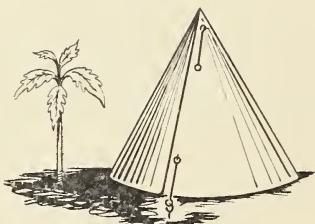


There is so much more satisfaction in making garden if one has good practical tools to work with and there is nothing that will tend to make garden work easy and pleasant and at the same time make it look so nice when done as will the line reel here shown. You need only to look at the picture to see how it is constructed and when using it you set the single stake at one end of the proposed trench that you wish to make, then reel out the line to the other end where you set the stake with the reel on it and push same down into the earth. Now by giving it two or three turns you tighten the line and at the same time hold it tight, and you are now ready to lay out a perfectly straight seed trench. Painted green and complete with line, price \$1.00 or will prepay it for \$1.25.

Frost Caps and Sun Shades

Frost caps are early garden insurance. You can't afford to take chances on that late frost that so often causes you to replant your entire garden. These caps are made of tough, black, glazed paper that resists the cold and moisture. They are hinged to a pin that sticks in the ground, thus preventing them from blowing away, yet making them easy to remove from the plant during the day. These caps are also fine sun shades for plants just set out to prevent wilting. When through with the caps for the season, stick one inside the other and they take up but little storage room. We make nothing but large sized caps, and be sure to remember this when comparing prices with other caps.

12 inches high.....50 for \$2.50 100 for \$4.00 1,000 for \$35.00



Redwood Garden Stakes

Don't fail to stake your garden plants that should be staked for it is real economy. Your tomato plants properly staked will produce double the fruit; so it is with other plants. Our stakes are made of California redwood, a wood known to be practically free from rot and decay. They have holes every ten inches for inserting galvanized wire guards. We furnish the stakes sharpened and painted green at the following prices for the different lengths and quantities.

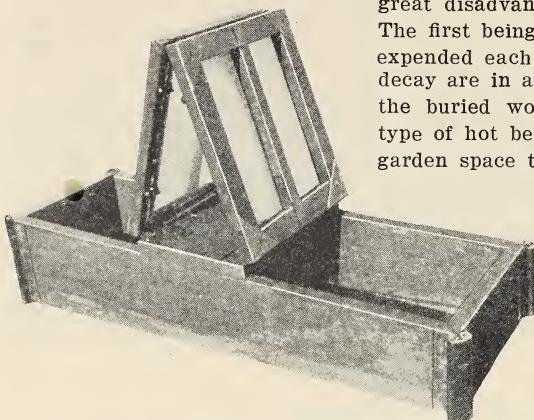
Length	25-50	50-100	100-500
26 inches	7c each	6c each	5c each
36 inches	9c each	8c each	7c each
46 inches	11c each	10c each	9c each

Metal guards for use with stakes 3c each. Prices f. o. b. factory.

Please read note at bottom of page 20 before ordering from this page.

Portable Hot Beds

The great value of hot beds and cold frames is a decided fact, but there are two great disadvantages to the old home-made hot bed. The first being the work and expense that must be expended each season, due to the fact that rot and decay are in action twelve months in the year with the buried wood frame hot bed. Second, the old type of hot bed must occupy just so much valuable garden space the full year and is unsightly at best.

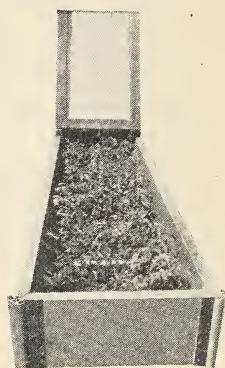


Construction of 4 and 6 tray hot bed. Heater in center

the frame is set right over the pit, but many prefer to use the oil heater that we furnish for that purpose when desired. This heater is located in the center of the large hot beds and at one end of the smaller ones. Be sure to state whether you wish a heater or not. The top sash are arranged for Glass Cloth, which clamps into place as mentioned in description of our Glass Cloth frames elsewhere in this book.

When the hot bed season is over you simply remove a few screws, slip off the metal corners and store the hot bed away in a dry place as you would other machinery. In this way it will last for years and years. Many of our customers use our propagating trays in these hot beds, so we make them in one tray, two tray, four tray, and six tray capacity, the size of each being given below. Either the metal trays with metal fillers or wood trays with pasteboard fillers can be used and are priced on another page. The six and four tray hot beds are really the practical size, while the smaller ones are used mostly for home garden plants, flowers, etc. Do not overlook the fact that one of these hot beds makes one of the very best kind of brooders for little chicks. A mention of this feature will be given with an illustration elsewhere in this book.

Do not forget that one of these portable hot beds will last for years and years while the old buried hot bed is practically a wreck after rotting in the ground one season. This is the modern thing in hot beds and we know it will appeal to you.



The 1 and 2 tray hot beds are constructed like this and have the heater in the end.

	Size	With Heater	Without Heater
1 tray size hotbed	15x38	\$3.50	\$3.00
2 tray size hotbed	15x64	4.50	4.00
4 tray size hotbed	30x66	6.50	5.00
6 tray size hotbed	30x96	9.00	7.50

These prices are f. o. b. factory

Please read note at bottom of page 20 before ordering from this page.

Glass Cloth Frames

Last season we told our customers about our Glass Cloth frames that we were using ourselves and offered to supply them to our garden friends at the very lowest prices possible, in order that they might use Glass Cloth efficiently and remove from the frame without injury and take care of it during the time of year that it was not in use. The orders that came to us were so many and so large that it was necessary for us to start a regular frame department, and as some of the orders called for from forty to fifty 3x6 frames, we knew they were going into the hands of commercial growers.

We made the best frame that we knew how to make last year, but we know how to make a better one this year and you will get the benefit. The mitered corners are now entirely metal bound and locked so that moisture cannot get to them and they cannot open up. There will be a wood supporting bar every twelve inches in all frames and these bars have a specially designed metal fastener for attaching to frames, making it impossible for them to pull apart. The buttons which hold the metal channels and Glass Cloth in place are larger and of pressed steel and do a better job of holding.

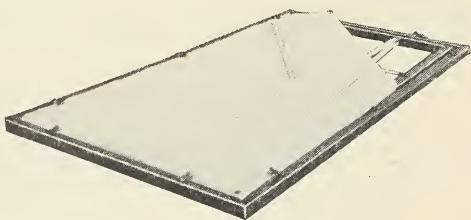
These frames are not for hot beds only, but are being used for dozens of purposes; in fact, wherever windows are used, such as in poultry houses, screen porches, storm sashes and many other places. They are light, cheap and efficient, and are gradually taking the place of heavy, costly glass sashes for many uses. Remember, that you simply button your Glass Cloth in place on them and can remove it in two minutes time without injury to the cloth.

Please get in your frame orders early and give us all the time possible on them and we will not disappoint you in quality or delivery. Our standard size frame is 3x6 feet, but will make frames of any size you wish. Our price on the 3x6 or larger frames is 8c per foot of frame. In other words, in a 3x6 frame you have two six-foot sides making 12 feet, and two three-foot ends, making 6 feet, and by adding your 12 feet and 6 feet you have 18 feet at 8c per foot or \$1.44 for a 3x6 foot frame. On smaller frames the price will be 10c per foot.

In order that these frames may take the lowest transportation rate we are this year shipping them knocked down or in sections. Will furnish everything needed for assembling and it is a matter of a few minutes to set them up. They will be painted green the same as usual.

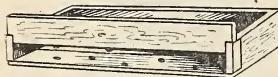
Where it is possible for us to put through a nice big run of frames we can save something in labor cost, so on an order for 300 feet will make the price 7c per foot and on 600 feet 6c per foot. Prices are f. o. b. factory.

Please read note at bottom of page 20 before ordering from this page.

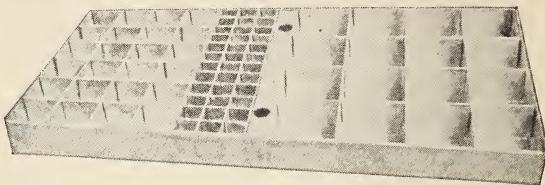


BABY PLANTS

Brown's new propagating tray shows ten big steps forward in the baby plant industry. First, it is made of good grade and weight of galvanized steel and with ordinary care will last always. So the first cost is the last cost. Second, you receive a metal flat or tray with each set of plant forms. Third, the one inch, two inch and three inch forms are interchangeable in the flat. Fourth, this is the only method by which you can get one inch plant forms, which is the approved way. Sixth, the plant forms being of metal do not allow of the root systems of the several plants intermingling and tangling. Seventh, the whole flat of plants is loosened by simply removing one section. Eighth, the plant drops out with the cubes of earth free from moldy paper as with paper bands. Ninth, when the tray is empty simply throw the forms into the metal flat and turn on the hose and they are ready for the next lot. Tenth, if you are in the game as a permanent fixture, why not invest in equipment that is in keeping with your method and modern in every respect.



Redwood Tray



The metal trays with metal plant forms make all further expense unnecessary for they can be used year after year, but if you feel that they are a little too expensive to start with right at first and yet you feel that you are anxious to get started in this modern individual way of planting, we will be glad to furnish you with the cardboard fillers that can be used in the metal trays and redwood trays, as shown in cuts on this page, or in trays that you can construct yourself from any light lumber. These cardboard forms will cost you so much less than the regular plant bands that you cannot afford to use anything else, especially when the added convenience is considered.

The redwood tray which we furnish in the same size as the metal tray, is free from rot and decay and has a removable side for releasing the forms. We are pricing the tray and fillers in combination so you can order just what you want. All trays hold 288 one-inch forms, 72 two-inch forms and 32 three-inch forms. All forms are interchangeable in all trays.

For general crop planting the one inch forms are largely used, then when big, growthy plants are wanted for fancy price selling, the plants are transferred to two and three inch forms as growth progresses. A fine feature about this method of plant raising is that your planting can be done right in the house or in the evening if you wish, then the trays taken out and placed in the ordinary buried hot bed or one of our portable hot beds as shown on another page. Then when the plants are ready for sale you have the most convenient method possible for removing any number without disturbing the rest.

	1 inch Fillers	2 inch Fillers	3 inch Fillers	Assorted Fillers
Metal trays, complete with fillers	\$2.75	\$2.50	\$2.25	\$2.60
Redwood trays complete with fillers	1.00	.90	.80	.90
1 tray	10 trays	50 trays	100 trays	
Metal trays without fillers	\$1.25	\$1.10	\$1.00	\$0.90
Redwood trays without fillers (in the flat)	.75	.70	.65	.60
Galvanized metal fillers for all trays	1 inch Forms \$0.50 per 100	2 inch Forms \$2.00 per 100	3 inch Forms \$4.00 per 100	
Cardboard fillers for all trays:	500	1,000	5,000	10,000
1 inch forms:	\$0.50	\$0.95	\$0.90	\$0.85
2 inch forms:	\$1.00	\$1.85	\$1.75	\$1.65
3 inch forms:	\$1.50	\$2.75	\$2.65	\$2.50

We furnish free of cost a dividing strip to go between each section of forms. All sections come in the flat and are scored on each side to allow for quick setting up. All prices f. o. b. factory.

The articles listed on pages 17, 18, 19 and 20 are made for us by contract by L. A. Brown of Clay Center, Nebr. Send your orders direct to him for articles listed on these pages and we will guarantee prompt and careful attention to your order.

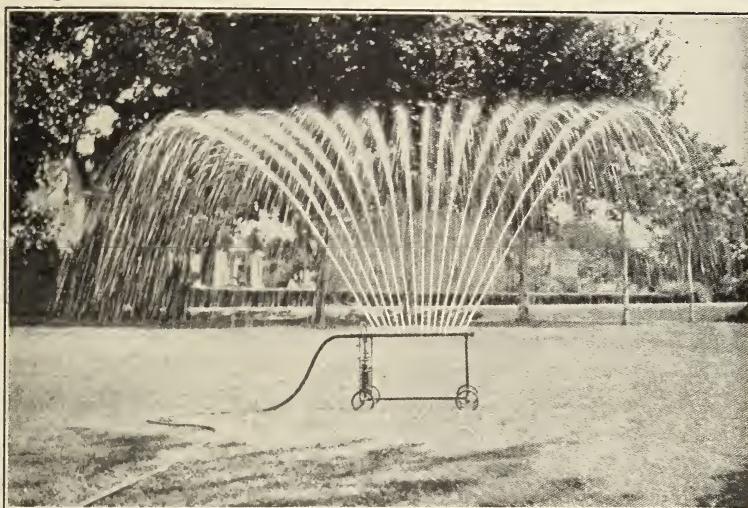
Keep Lawns and Gardens Greener with the Automatic Rain-Maker

No Time or Water wasted — No Attention required.

Just the thing for homes, large estates, parks, golf courses, cemeteries, etc. Thousands now in use.

Saves the drudgery and expense of labor of hand watering with a hose, or the constant changing from place to place necessary when using the small mechanical "whirly gigs," "butterflies," etc.

Just connect your hose, and the machine automatically oscillates, throwing the water first to one side and then over to the other side with a steady, even swing. Absolute covering of every square foot assured. Sprinkles rectangles and not circles.



YOUR LAWN BECOMES A VELVETY EXPANSE OF GREEN

No "Brown Spots," "Forgotten Places," Etc. Green Grass Everywhere

Just ordinary water pressure needed and your hose. Only a few changes of position necessary for large areas.

POSITIVE GUARANTEE OF SATISFACTION

Goods are sold with GUARANTEE OF MECHANICAL PERFECTION and operation. ALL BRASS WATER MOTOR, ALL PIPE GALVANIZED. NOTHING TO GET OUT OF ORDER OR GO WRONG. Will replace any defect within one year after purchase, or if unsatisfactory results obtained, return your money.

THE MIDGET (12 nozzle) covers space 16x60 feet. On runners instead of wheels, weight 10 pounds. Price \$18.75.

The 3 foot (16 nozzle) machine is ideally suited to small lawns or backyard gardens. 1200 square feet per setting. (20 x 60 ft.) Price \$30.00.

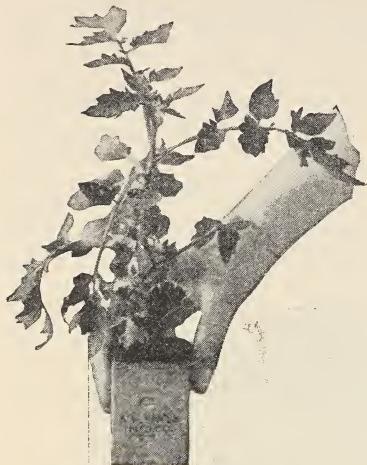
The 6 foot (24 nozzle) machine, specially for suburban lawns or gardens. 1,800 square feet per setting (30 x 60 ft.) Price, \$35.00.

The 10 foot (30 nozzle) machine, specially handy for small parks, cemeteries, putting greens, etc. 2,400 square feet per setting. (40x60 ft.) Price. \$40.00.

The 20 foot (40 nozzle) machine for large estates, field work, truck gardening, etc. 3,000 square feet per setting. (50 x 60 ft. Price, \$45.00.

All machines shipped from factory at Muskegon, Michigan. Shipping weight 10 to 65 lbs. Price F. O. B. Factory.

The "Harris Ready to Use" Locked Plant Bands and Pots



Any grower can grow a plant like this. No set-back when transplanted.

PLANT BANDS

Plant bands have been in use for several years in the shape of plain paper strips which needed folding when setting up. We here offer you something new in bands with and without bottoms. These bands are folded and locked together so that you simply pick them up one at a time and set them in the flat or box and they are ACTUALLY READY TO USE.

For tomatoes, cabbage, peppers, etc., you can gain about one month in maturing fruit by using these bands in the hotbed or cold frame, by planting them one plant to a band or transplanting the seedlings in the bands 30 to 60 days earlier than you would plant them outdoors.

PRICES OF READY TO USE LOCKED PLANT BANDS

Size Inches	Depth	Number per Case	Per case Price	in U. S. Prepaid 1,000	in U. S. Prepaid Per 250
2x2	2½	5,000	\$13.80	\$4.30	\$1.50
3x3	3	2,500	10.10	6.10	2.00
4x4	3	2,000	9.75	7.45	2.25

BANDS SAME AS ABOVE WITH FOLDING BOTTOMS

2x2	2	4,000	\$13.10	\$4.80	\$1.75
3x3	3	2,000	9.75	7.50	2.25
4x4	3	1,500	8.90	8.65	2.50

All bands packed 250 to a carton, in cases weighing about 47 lbs. These bands are made from heavier material than the bands on opposite page, in fact they are the heaviest plant band on the market.



Modern Paper Dirt Bands

These bands are made from a little lighter material than those listed above. They are made from a good grade of paper board, well creased, which makes them easily placed in flat or tray. Lap is well stuck together, which makes a very serviceable band that will answer all ordinary purposes just as well as the heavier bands and at a lower price.

Made in three sizes without bottoms. The 2x2 inch bands run about 190 to the pound, 3x3 about 75 to the pound and the 4x4 about 65 to the pound. Small amounts are usually sent out in cloth bags, bags weighed in.

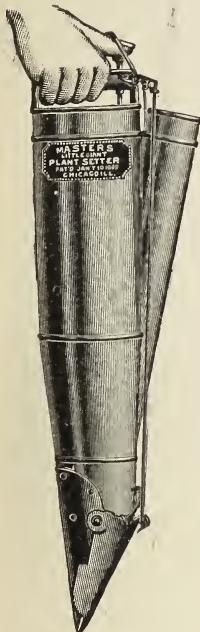
Modern Paper Dirt Band Prices

Prepaid prices by parcels post or express; we send cheapest way. Any size or assorted sizes at 50c per pound in quantities less than 5 pounds; over 5 pounds at 45c per pound.

F. O. B., Bladen or our storage at Philadelphia, 10 to 45 pounds at 35c per pound; 50 pounds or over at 30c per pound.

SPECIAL SAMPLE ASSORTMENT:—For \$1.75 we will prepay anywhere in U. S. 1 pound 2x2, 1 pound 4x4 and 1 $\frac{1}{4}$ pounds 3x3, making a total of almost 4 pounds or 400 bands.

Plant Setter



The most practical tool for transplanting tobacco, tomato, cabbage, sweet potato, peppers, cauliflower, egg plant, strawberries and all similar plants.

Yes, and it beats a hoe for planting melons, corn, etc.

8,000 to 15,000 plants can be set per day, every one watered and no lame back.



Masters Rapid Plant Setter

The roots of each plant are placed in the ground almost as natural as if they grew there, and firmly set by the absorption of water so that the plant takes hold and starts to grow at once, making it possible to set plants in much more adverse weather than could be done in any other way.

PREPAID, \$6.00 EACH.

Every plant setter is guaranteed to give perfect satisfaction or your money refunded. The setter is made of heavy block tin with strong steel jaws and brass fittings and carries water for 125 to 150 plants at each filling.

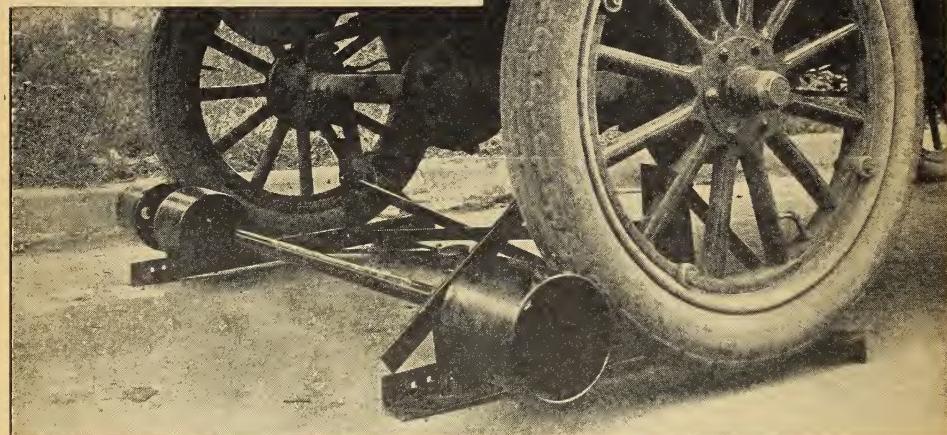
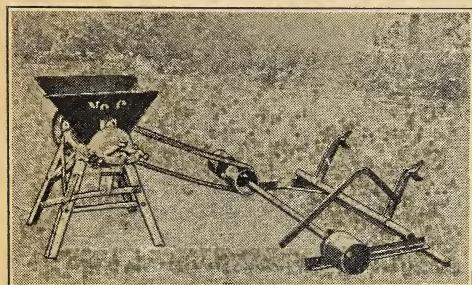
Successful in Canada

We have used Glass Cloth on a 60 ft. poultry house, also on a brooder house and found it very satisfactory. The poultry house was far warmer during our severe winter when we had several days 20 to 23 degrees below zero, than if ordinary glass had been used.
Hillcrest Poultry Farm, Ontario, Canada.

Please send me 100 yards more Glass Cloth, I find it better than anything on the market.
M. R. Parrish, Webster Grove, Mo.

Grind Your Own Poultry Feed

The Automotor is the simplest device made for transmitting power from your car to any machinery run by belt power. It will develop eight horse power from a Ford car and work equally as well with any other car having similar back axle construction.



Let the Automotor and Your Ford Run the Feed Grinder, Saw Wood, Pump Water, Shell Corn and Many Other Jobs

Simply back your car onto the Automotor, shift into high gear and your machine is running. No backing or jacking up of car to attach, entirely automatic, practical and substantial. All steel and iron. Weighs about 115 pounds.

No. 1.—Automotor for Ford, Star, Chevrolet (for 30 inch tires)	\$23.00
No. 2.—Automotor heavier built, adjustable for larger cars	\$28.00

STATE NAME AND MODEL OF CAR WHEN ORDERING

These prices are freight prepaid to your station.

GUARANTEE:—If it does not beat all other makes, return it and we will refund your money. Order one today under this guarantee.

Make Layers Out of Loafers

One reason some folks complain that "chickens don't pay" is because they compel one or two good hens to support a dozen lazy ones. Make every hen work for her own grain feed and you will find that the hustle of getting their share of feed will actually **MAKE LAYERS OUT OF LOAFERS**. Double your poultry housing by constructing a lean-to scratch shed on your poultry house with a small door through which your hens can pass and those old loafers will actually in a short time hustle themselves into layers.

Use of Artificial Light Increases Egg Production

Artificial light as a means of increasing egg production has been tested out by authorities and in general has given satisfactory results. The main object of artificial light is to lengthen the hen's working day. The loafing man becomes dormant for lack of vitality and just as sure as man is forced to loaf or let vitality run down just so much will his energies decrease to meet his environment.

If you are housing your hens in crowded unsanitary quarters you are forcing your hens to loaf. If you are keeping your hens shut up in their regular sleeping quarters for one or more hours each day when they would be out rustling for their feed, providing there was a scratch shed attached to their house, with a small door where they could pass thru at will, as early as they pleased in the morning, regardless of whether you were out early or late to care for them, **YOU ARE FORCING YOUR HENS TO LOAF**.

ARTIFICIAL LIGHT increases a hen's working day and if it can be made to pay a good revenue it would be very reasonable for a scratch shed to make big profits. It can be built for five cents per hen and will need no further care other than to be kept sanitary, and bedded with a good scratch litter.

HOW TO FEED FOR EGGS. There are many combinations of feed which will encourage egg production and each poultry raiser must consider feeds available. Perhaps the average poultry raiser would find five parts shorts mixed with one part tankage one of the best dry mash feeds to be kept before the flock continually in self-feeder. Where available we advise some alfalfa meal with this, keeping in separate self feeder. Don't fail to keep ground oyster shells (not clam shells) available at all times. Again, a good big fill up on luke warm water every morning when the weather is cold will do wonders to encourage vitality. Milk will always give excellent results and fill a big place in the feed list. Sprouted oats make an excellent green feed, but if you can grow plenty of good mangel beets they will make a much cheaper feed and take the same place as sprouted oats.

MAKE YOUR SCRATCH SHED OF GLASS CLOTH and you will lengthen the hen's day at least a half hour, morning and night, and will obtain as much increased egg production as the average poultry man who uses electricity and pays monthly bills for same. **FIVE CENTS PER HEN WILL PAY THE GLASS CLOTH BILL** and your returns in egg money can easily be ten times this small cost every season.

See paragraph on another page entitled **Scratch Feeds**
Old Trusty Print Shop, Clay Center, Neb.

GLASS CLOTH

"We have used Glass Cloth three years and find it all you claim, as we have used it for windows in poultry house and for hot beds and in every way have found it equal to glass at less cost."

R. L. Rinholt,
Secy. Pleasant View
Poultry Farm
Auburn Jct., Ind.

